AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1

2

3

4 .

5

7

8

9

10

11

1

2

Claim 1 (currently amended): A scroll compressor in which a fixed scroll part and an orbiting scroll part are meshed with each other to form a compression chamber, said orbiting scroll part is allowed to orbit in a circular orbit while restraining said orbiting scroll part from rotating by a rotation-restraint mechanism, a refrigerant is sucked, compressed and discharged while continuously varying a capacity of said compression chamber, wherein

an oil supply passage is formed in a suction space of said fixed scroll part, and said suction space is provided with an oil collision part, wherein

a side surface of said oil collision part on the side of a refrigerant passage is a concave curved surface, one of end surfaces of said curved surface is formed on an extension surface of a suction pipe connected to said suction space, an intersection angle between a tangent of said one end surface of said curved surface and a tangent of the other end surface of said curved surface is an acute angle.

Claim 2 (original): The scroll compressor according to claim 1, wherein a gap is formed between said oil collision part and a wall surface of said suction space.

1

2

, 3

1

2

3

4.

1

2

3

1

2

Claim 3 (original): The scroll compressor according to claim 2, wherein said gap comprises a first gap formed from said oil supply passage toward a suction pipe and a second gap formed from said oil supply passage toward said compression chamber, and said first gap is greater than said second gap.

Claim 4 (original): The scroll compressor according to claim 2, wherein said gap comprises a first gap formed from said oil supply passage toward a suction pipe and a second gap formed from said oil supply passage toward said compression chamber, and said second gap is greater than said first gap.

Claims 5 and 6 (canceled).

Claim 7 (currently amended): The scroll compressor according to claim [[5]] 1, wherein at least one of ends constituting the side surface of said oil collision part on the side of a refrigerant passage is formed into a r-shape.

Claim 8 (previously presented): The scroll compressor according to claim 1, wherein HFC-based refrigerant or HCFC-based refrigerant is used as said refrigerant.

Claim 9 (previously presented): The scroll compressor according to claim 1, wherein carbon dioxide is used as said refrigerant.

Claim 10 (canceled).

1

2

1

2

1,

2

1

2

1

2

Claim 11 (previously presented): The scroll compressor according to claim 2, wherein HFC-based refrigerant is used as said refrigerant.

Claim 12 (previously presented): The scroll compressor according to claim 3, wherein HFC-based refrigerant or HCFC-based refrigerant is used as said refrigerant.

Claim 13 (previously presented): The scroll compressor according to claim 4, wherein HFC-based refrigerant or HCFC-based refrigerant is used as said refrigerant.

Claim 14 (currently amended): The scroll compressor according to claim [[5]] 1, wherein HFC-based refrigerant or HCFC-based refrigerant is used as said refrigerant.

Claim 15 (canceled).

1

2

2

2

2

1

2

3

5

6

Claim 16 (previously presented): The scroll compressor according to claim 2, wherein carbon dioxide is used as said refrigerant.

Claim 17 (previously presented): The scroll compressor according to claim 3, wherein carbon dioxide is used as said refrigerant.

Claim 18 (previously presented): The scroll compressor according to claim 4, wherein carbon dioxide is used as said refrigerant.

Claim 19 (currently amended): The scroll compressor according to claim [[5]] 1, wherein carbon dioxide is used as said refrigerant.

Claim 20 (canceled).

Claim 21 (new): A scroll compressor in which a fixed scroll part and an orbiting scroll part are meshed with each other to form a compression chamber, said orbiting scroll part is allowed to orbit in a circular orbit while restraining said orbiting scroll part from rotating by a rotation-restraint mechanism, a refrigerant is sucked, compressed and discharged while continuously varying a capacity of said compression chamber, wherein

an oil supply passage is formed in a suction space of said fixed scroll part, and said suction

space is provided with an oil collision part, wherein

7

8

٠ 9

10

11

12

1

2 .

1

2

3

4

1

2

1

2

a side surface of said oil collision part on the side of a refrigerant passage is a concave curved surface, one of end surfaces of said curved surface is formed on an extension surface of a suction pipe connected to said suction space, an intersection angle between a tangent of said one end surface of said curved surface and a tangent of the other end surface of said curved surface is an obtuse angle.

Claim 22 (new): The scroll compressor according to claim 21, wherein a gap is formed between said oil collision part and a wall surface of said suction space.

Claim 23 (new): The scroll compressor according to claim 22, wherein said gap comprises a first gap formed from said oil supply passage toward a suction pipe and a second gap formed from said oil supply passage toward said compression chamber, and said first gap is greater than said second gap.

Claim 24 (new): The scroll compressor according to claim 23, wherein HFC-based refrigerant or HCFC-based refrigerant is used as said refrigerant.

Claim 25 (new): The scroll compressor according to claim 23, wherein carbon dioxide is used as said refrigerant.

1

. 2

3

4

1

2

1

2

1

2

1

2

1

2

Claim 26 (new): The scroll compressor according to claim 22, wherein said gap comprises a first gap formed from said oil supply passage toward a suction pipe and a second gap formed from said oil supply passage toward said compression chamber, and said second gap is greater than said first gap.

Claim 27 (new): The scroll compressor according to claim 26, wherein HFC-based refrigerant or HCFC-based refrigerant is used as said refrigerant.

Claim 28 (new): The scroll compressor according to claim 26, wherein carbon dioxide is used as said refrigerant.

Claim 29 (new): The scroll compressor according to claim 22, wherein HFC-based refrigerant or HCFC-based refrigerant is used as said refrigerant.

Claim 30 (new): The scroll compressor according to claim 22, wherein carbon dioxide is used as said refrigerant.

Claim 31 (new): The scroll compressor according to claim 21, wherein at least one of ends constituting the side surface of said oil collision part on the side of a refrigerant passage is formed

into a r-shape.

. 1

2

1

2

1.

2

1

2

Claim 32 (new): The scroll compressor according to claim 21, wherein HFC-based refrigerant or HCFC-based refrigerant is used as said refrigerant.

Claim 33 (new): The scroll compressor according to claim 21, wherein carbon dioxide is used as said refrigerant.

Claim 34 (new): The scroll compressor according to claim 21, wherein HFC-based refrigerant or HCFC-based refrigerant is used as said refrigerant.

Claim 35 (new): The scroll compressor according to claim 21, wherein carbon dioxide is used as said refrigerant.

* * * *